

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F01C3/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F01C F04C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 132 213 A (WEAVER) 2 January 1979 (1979-01-02) column 2, line 6 -column 5, line 22; figures 1-4	1
A	US 2 557 427 A (GIBSON) 19 June 1951 (1951-06-19) column 2, line 13 -column 3, line 31; figures	1
A	DE 25 47 324 A (COMPRESSEURS S.A.) 24 February 1977 (1977-02-24) page 4, line 1 -page 5, line 24; figures 1-5	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

14 August 2003

Date of mailing of the international search report

27/08/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 799 273 A (SCHNEIDER) 10 June 1936 (1936-06-10) page 7, last paragraph -page 8, line 77; figures 13-15 page 11, line 104 -page 12, line 7 page 13, line 84 - line 86 page 14, line 27 - line 32 page 16, line 17 - line 82 -----	1

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4132213	A	02-01-1979	NONE
US 2557427	A	19-06-1951	NONE
DE 2547324	A	24-02-1977	CH 588634 A5 15-06-1977 DE 2547324 A1 24-02-1977
FR 799273	A	10-06-1936	NONE